

# Iowa Crops & Weather



USDA – National Agricultural Statistical Service  
Iowa Field Office

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Issued May 21, 2007

Vol 07-12

For the week ending May 20, 2007

## CATCHING UP

**Agricultural Summary:** A busy and productive week in the fields brought plantings near normal percentages. Some areas have completed their planting and others were able to replant some fields. Now that most seed is in the ground, farmers are looking for rain to help the crops.

There were 5.9 days suitable for fieldwork, compared to 4.9 days last year at this time. Topsoil moisture rated 1 percent very short, 10 percent short, 79 percent adequate, and 10 percent surplus across the state. Subsoil moisture rated zero percent very short, 3 percent short, 77 percent adequate, and 20 percent surplus.

**Field Crops Report:** Oat planting is complete. Ninety-four percent of oats are emerged compared to last year's 97 percent. The condition of the oat crop is zero percent very poor, 2 percent poor, 24 percent fair, 62 percent good, and 12 percent excellent. Corn planting, at 93 percent, is 5 days behind last year but only 1 day behind the five year average. Sixty-five percent of the corn is emerged compared to last year's 67 percent and the five-year average of 62 percent. Corn condition across the state is 1 percent very poor, 2 percent poor, 18 percent fair, 62 percent good, and 17 percent excellent. Sixty-one percent of the soybeans are planted with 12 percent emerged. Planting is equal to the five-year average while emergence is 2 days behind the average.

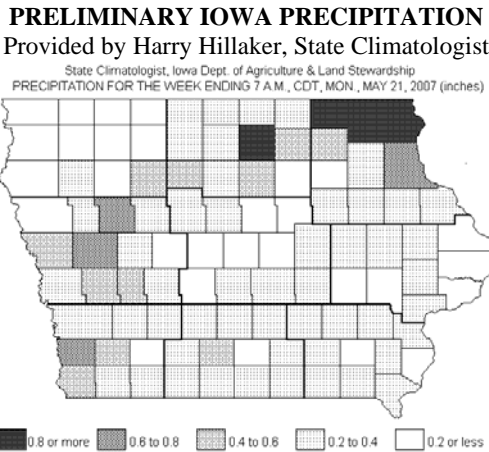
**Livestock, Pasture and Range Report:** Pasture and range condition rated zero percent very poor, 4 percent poor, 26 percent fair, 55

percent good, and 15 percent excellent. Livestock condition is generally good and lots are dry.

## IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past work week began with very warm weather on Monday (14<sup>th</sup>) when daytime high temperatures were in the mid 80's to low 90's statewide. A strong cold front moved through the state Monday night allowing cooler than normal air to dominate the state from Tuesday (15<sup>th</sup>) through Friday (18<sup>th</sup>) morning. Daytime highs were in the upper 50's northeast to upper 60's southwest on Tuesday (15<sup>th</sup>) and in the mid 60's to low 70's Wednesday and Thursday. After a cool start on Friday morning highs reached the low 70's southeast to low 80's northwest by afternoon. Highs were in the 80's nearly statewide on Saturday (19<sup>th</sup>) and Sunday (20<sup>th</sup>). Temperature extremes for the week ranged from Monday (14<sup>th</sup>) afternoon highs of 92 degrees at Algona, Davenport and Independence to a Thursday (17<sup>th</sup>) morning low of 32 degrees at Cresco. The statewide average temperature was 2.5 degrees above normal for the week. Showers and thunderstorms brought light to moderate rain nearly statewide on Monday (14<sup>th</sup>) night into Tuesday (15<sup>th</sup>) afternoon. Dry weather then prevailed until the weekend when a few isolated thunderstorms developed in extreme northern Iowa Saturday (19<sup>th</sup>) night and again in the pre-dawn hours on Monday (21<sup>st</sup>). Weekly precipitation totals varied from only a trace at Spencer, Sioux Center and Swea City to 1.62 inches at Lansing. The statewide average precipitation was 0.29 inches while normal for the week is 1.09 inches.

Statewide Crop Conditions as of May 20, 2007					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	2	18	62	17
Oats	0	2	24	62	12
Range & Pasture	0	4	26	55	15



Field Work and Crop Progress as of May 20, 2007													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn planted	98	97	97	91	90	97	91	76	85	93	77	97	94
Corn emerged	70	80	73	62	58	69	55	40	49	65	36	67	62
Soybeans planted	73	81	78	39	52	79	52	30	56	61	24	69	61
Soybeans emerged	13	26	26	5	5	13	5	5	9	12	1	13	17
Oats emerged	98	92	93	97	99	97	92	94	82	94	81	97	97

Days Suitable & Soil Moisture Condition as of May 20, 2007												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	6.2	5.9	6.0	6.0	5.9	6.4	5.2	5.4	5.9	5.9	3.8	4.9
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	0	2	0	0	8	0	0	0	1	1	1
Short	12	11	23	3	5	24	2	3	6	10	4	14
Adequate	81	84	73	88	81	67	77	71	82	79	64	77
Surplus	6	5	2	9	14	1	21	26	12	10	31	8
Subsoil moisture	Very short	0	0	0	0	1	0	0	1	0	0	4
	Short	2	3	10	0	0	9	0	1	3	1	16
Adequate	87	89	84	84	75	79	44	70	69	77	63	72
Surplus	11	8	6	16	25	11	56	29	25	20	36	8

Weather Summary For Iowa Agricultural Statistics Service										
Prepared by AWIS, Inc.										
For the week ending: Sunday, May 20, 2007										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	90	35	65	7	0.00	-0.74	3.88	-0.97	105	40
Sioux Center	92	36	68	7	0.00	-0.77	5.20	0.71	125	46
Spencer	90	36	66	7	0.00	-0.83	3.74	-1.22	113	43
Spirit Lake	85	41	65	7	0.00	-0.70	5.02	0.69	107	21
North Central District										
Britt	90	41	63	3	0.37	-0.42	6.41	1.17	92	15
Humboldt	87	41	63	2	0.57	-0.27	6.60	1.27	89	17
Mason City	91	35	63	5	1.00	0.08	6.99	1.51	92	24
Osage	90	38	61	2	0.45	-0.44	5.31	-0.42	79	-5
North East District										
Decorah	91	36	64	4	1.33	0.49	4.66	-1.15	98	23
Dubuque	87	38	61	2	0.25	-0.73	6.22	-0.22	76	9
Elkader	90	33	60	1	0.84	-0.07	7.12	1.42	72	-17
Fayette	89	38	60	1	0.66	-0.28	7.26	1.33	73	2
Waterloo	90	37	63	4	0.28	-0.63	6.00	0.14	96	19
West Central District										
Carroll	89	37	63	3	0.22	-0.76	9.57	3.60	95	18
Castana	88	40	63	2	0.43	-0.53	11.37	6.08	96	20
Guthrie Center	88	33	64	4	0.28	-0.68	12.20	6.33	99	20
Harlan	90	39	64	3	0.41	-0.57	9.54	3.76	99	16
Jefferson	89	39	63	3	0.09	-0.89	10.37	4.40	95	18
Logan	90	39	64	3	0.34	-0.71	13.39	7.67	102	13
Rockwell City	88	40	64	2	0.32	-0.60	9.39	4.08	96	12
Sac City	89	38	64	4	0.63	-0.33	10.35	4.93	98	24
Sioux City	93	35	67	6	0.03	-0.81	9.36	4.77	121	35
Central District										
Boone	88	38	63	3	0.03	-0.97	9.01	2.97	93	14
Des Moines	88	44	64	2	0.32	-0.50	7.81	2.20	101	10
Grundy Center	88	38	62	4	0.13	-0.82	7.37	1.57	88	20
Marshalltown	89	39	64	4	0.09	-0.82	6.67	1.00	97	22
Newton	88	41	62	0	0.21	-0.76	6.94	1.06	84	0
Perry	89	37	63	3	0.13	-0.83	9.70	3.97	92	14
Toledo	87	40	60	2	0.22	-0.78	6.18	0.18	74	4
East Central District										
Cedar Rapids	88	40	62	2	0.18	-0.66	5.01	-0.46	87	5
Davenport	92	40	65	4	0.28	-0.56	4.56	-0.97	107	21
Iowa City	90	41	64	0	0.17	-0.74	5.99	-0.29	95	2
Lowden	91	34	62	2	0.23	-0.70	5.53	-0.84	84	2
Maquoketa	91	37	61	2	0.13	-0.71	4.40	-1.12	76	6
Muscatine	90	45	65	3	0.33	-0.58	5.52	-0.45	103	32
South West District										
Atlantic	89	37	65	5	0.30	-0.59	11.72	6.29	110	31
Clarinda	87	37	62	-1	0.18	-0.87	9.55	3.25	86	-3
Glenwood	91	40	65	3	0.65	-0.45	12.84	6.95	104	13
Red Oak	88	42	64	1	0.54	-0.47	10.54	4.31	100	4
Sidney	87	46	64	1	0.36	-0.62	9.69	3.85	100	2
South Central District										
Allerton	85	40	61	-1	0.40	-0.51	10.82	4.93	81	24
Beaconsfield	84	42	61	-1	0.24	-0.67	12.22	6.44	77	-5
Chariton	86	35	61	-1	0.13	-0.78	9.98	3.94	79	-2
Indianola	87	40	62	0	0.33	-0.58	7.54	1.36	84	0
Leon	86	33	60	-3	0.35	-0.66	9.13	2.79	71	-12
South East District										
Bloomfield	85	41	61	-2	0.20	-0.78	6.77	0.58	80	-13
Burlington	91	44	66	4	0.14	-0.70	4.17	-1.72	112	21
Ottumwa	87	39	62	-1	0.19	-0.72	7.88	2.05	89	-4
Washington	88	37	63	-2	0.56	-0.35	7.93	2.20	90	11

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2007: AWIS, Inc. All Rights Reserved.

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AGRICULTURAL STATISTICS SERVICE, IOWA FIELD OFFICE, 210 WALNUT  
ST. RM 833, DES MOINES IA 50309, POSTMASTER, SEND ADDRESS CHANGES  
TO IA CROPS & WEATHER, C/O SD AGRICULTURAL STATISTICS, PO BOX  
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